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UTILITY

PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

2003 P 54309 US

First Inventor

Li

Title

Transistor with Silicon and Carbon Layer
in the Channel Region

Express Mail Label No.

EV 396902166 US

10/748995
17-0211-S-PT

123003

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 26]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Sheets 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:
Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcards (2) (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Prior application information: _____ Examiner _____ Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number

25962

OR Correspondence address below

Name	Slater & Matsil, L.L.P.				
Address	17950 Preston Rd.				
	Suite 1000				
City	Dallas	State	Texas	Zip Code	75252-5793
Country	USA	Telephone	972-732-1001	Fax	972-732-9218

Name (Print/type)	Kay Houston	Registration No. (Attorney/Agent)	38,495
Signature			Date
			December 30, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** 1,112.00

Complete if Known

Application Number	TBD
Filing Date	HEREWITH
First Named Inventor	Li
Examiner Name	TBD
Art Unit	TBD
Attorney Docket No.	2003 P 54309 US

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account

Deposit

Account

Number

50-1065

Deposit

Account

Name

Slater & Matsil, L.L.P.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	
1001	750	2001	375
		Utility filing fee	770.00
1002	330	2002	165
		Design filing fee	
1003	520	2003	260
		Plant filing fee	
1004	750	2004	375
		Reissue filing fee	
1005	160	2005	80
		Provisional filing fee	
SUBTOTAL (1)		(\$)	770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20**=	Extra Claims	Fee from below	Fee Paid		
32		12	X	18	=	216.00
4	- 3**=	1	X	86	=	86.00

Multiple Dependent

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	
1202	18	2202	9
		Claims in excess of 20	
1201	84	2201	42
		Independent claims in excess of 3	
1203	280	2203	140
		Multiple dependent claim, if not paid	
1204	84	2204	42
		**Reissue independent claims over original patent	
1205	18	2205	9
		**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)	302.00

** or number previously paid, if greater. For Reissues, see above

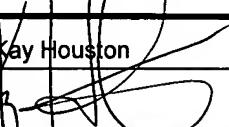
3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	
1051	130	2051	65
		Surcharge - late filing fee or oath	
1052	50	2052	25
		Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130
		Non-English specification	
1812	2,520	1812	2,520
		For filing a request for ex parte reexamination	
1804	920*	1804	920*
		Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*
		Requesting publication of SIR after Examiner action	
1251	110	2251	55
		Extension for reply within first month	
1252	410	2252	205
		Extension for reply within second month	
1253	930	2253	465
		Extension for reply within third month	
1254	1,450	2254	725
		Extension for reply within fourth month	
1255	1,970	2255	985
		Extension for reply within fifth month	
1401	320	2401	160
		Notice of Appeal	
1402	320	2402	160
		Filing a brief in support of an appeal	
1403	280	2403	140
		Request for oral hearing	
1451	1,510	1451	1,510
		Petition to institute a public use proceeding	
1452	110	2452	55
		Petition to revive - unavoidable	
1453	1,300	2453	650
		Petition to revive - unintentional	
1501	1,300	2501	650
		Utility issue fee (or reissue)	
1502	470	2502	235
		Design issue fee	
1503	630	2503	315
		Plant issue fee	
1460	130	1460	130
		Petitions to the Commissioner	
1807	50	1807	50
		Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180
		Submission of Information Disclosure Stmt	
8021	40	8021	40
		Recording each patent assignment per property (times number of properties)	
		Filing a submission after final rejection (37 CFR § 1.129(a))	40.00
1809	750	2809	375
1810	750	2810	375
		For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375
		Request for Continued Examination (RCE)	
1802	900	1802	900
		Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)**(\$)** 40.00

SUBMITTED BY		Complete if applicable		
Name (Print/Type)	Key Houston	Registration No. (Attorney/Agent)	38,495	Telephone 972-732-1001
Signature				Date December 30, 2003

WARNING: Information in this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization in PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Li Docket No.: 2003 P 54309 US

Serial No.: TBD Art Unit: TBD

Filed: HEREWITH Examiner: TBD

For: Transistor with Silicon and Carbon Layer in the Channel Region

Certificate of Mailing via Express Mail

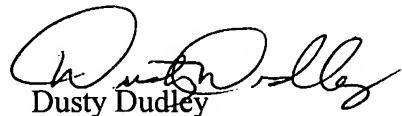
EXPRESS MAIL mailing label number: EV 396902166 US

Date of Deposit: December 30, 2003

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to: Mail Stop: Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450:

Certificate of Mailing via Express Mail (1 page)
Utility Patent Application Transmittal (1 page)
Fee Transmittal (1 original and 1 copy = 2 pages)
Complete Copy of Patent Application (29 pages), to include:
 Specification (26 pages)
 Formal Drawings (3 pages)
Declaration and Power of Attorney (3 pages)
Assignment Recordation Cover Sheet (1 page)
Copy of Original Signed Assignment (2 pages)
Information Disclosure Statement (1 page)
Form PTO/SB/08A (1 page) with one reference attached
Return Postcards (2)

Respectfully submitted,


Dusty Dudley
Legal Assistant

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